

THE OREDIGGER

Volume 80 Issue 9

January 20, 2000

THE VOICE OF COLORADO SCHOOL OF MINES, A SUPERIOR EDUCATION IN APPLIED SCIENCE AND ENGINEERING



Birth of a River, a painting by Hal Shelton is featured in the Foothills Art Gallery's new exhibit, *Rivers: The Song of Life*, which opened Saturday and runs through March 12. The show is free and open to the public seven days a week, 10 a.m.-5 p.m. Monday through Saturday, 1-5 p.m. Sunday.

How Will You Answer the \$1 Million Question?

The Question

Will every resident of Jefferson County complete and return a census form when it arrives in mid-March? As a college student living in the county, your response counts here in Jefferson County.

When you send in your completed form, it ensures that the CSM receives its fair share of government funding along with other Jefferson County learning institutions. Your completed form is worth a lot to Jefferson County, which receives an estimated \$1 million in state and federal dollars each year based on census figures—money that will otherwise go to another community.

The Answer

Being counted as a student may help you to someday buy a house with a mortgage-assistance program that gets its data from the census.

Today, you and other county residents are afforded beautiful open spaces, great trail systems and fine schools partly because of accurate census counts. Returning your form will help keep these resources going. Besides, filling out your census form is easy and it is confidential.

April 1 - Census Day

The idea of "Census Day" is to take a snapshot of our nation on one day every 10 years. On April 1, every U.S. resident will be counted wherever they are living on this particular day. When your parents receive a form at their home, they should not count you as living with them at this time.

If you don't receive a form by April 1, call (303) 456-5445. Those who do not return a form will be contacted by a census taker who will visit you and ask you a few simple questions.

Get Help...Give Help

Help will be available at the Student Center the week of March 27. Volunteers will answer questions and help students fill out census forms. Exact dates will be posted in the library in early March.

If you want to earn extra cash, the Census Bureau is looking for hard workers for a variety of positions. Call (303) 456-0027.

Questions? Contact the Local Census Office at (303) 456-5445, the Jefferson County Census office, Lisa de Graaf at (303) 271-8748, or go to the following Websites at <http://www.census.gov> or <http://co.jefferson.co.us>.

Internship Opportunities Now on the Internet

With the start of the New Year, there is a new fast, easy, and high-tech option for those CSM students seeking an internship.

The CSM Career Center is now posting all technical internship opportunities received from interested employers on the Internet via "Jobtrak."

Some of you may already be familiar with Jobtrak as a tool for finding on-campus employment opportunities.

To find current internship openings, point your browser to the Career Center homepage, http://www.mines.edu/Stu_life/career, which is divided into sections. When you find the section entitled "Information for CSM Students," click your mouse on the words "Job Postings," and click on the red link entitled "Jobtrak." The "Colorado School of Mines" should already be highlighted on the screen. (If it isn't, just highlight it.)

If you are "surfing in" from campus, you should not need the password, so just click "submit." If you are "surfing in" from somewhere else other than the campus, you will most likely need to obtain the password.

Please call the Career Center for this information at 303-273-3233, or e-mail us at rmlee@mines.edu.

We encourage all levels of CSM students to visit this site on a regular basis as there are many exciting opportunities available, and we typically receive more internships every week!

Although the information on Jobtrak is complete enough for interested students to submit an application, in some cases, the Career Center receives additional information from some employers, so stop by the CSM Career Center and check the "Summer Jobs" and "Part-Time Jobs" books.

Attention All Artists!

Show the CSM community your creative side! Participate in the first-ever CSM community art show to be held April 15-May 6 in the Arthur Lakes Library. All media—paintings, photography, sculpture, jewelry, pottery, masks, and more—are welcome.

The CSM community art show is the brainchild of President and Mrs. Bickart, who borrowed the idea from their experiences in Syracuse, N.Y. where a local museum sponsored an annual show featuring the work of employees at major area businesses. "It was always fun to go and see the work of people I knew as social workers or secretaries or science professors, and learn that they had a whole other side to them," Mrs. Bickart says. "Remembering the shows in Syracuse, and thinking about how so many employees at Mines have talents that the rest of Mines and the Golden community are unaware of, made us think seriously about trying to have an art show here. We thought it would be fun and would build community on campus."

President Bickart asked his wife to take on the task of organizing such a show on the CSM campus. Marsha Konegni of the Public Affairs Office, who helped organize the 125th Mines anniversary show at the Foothills Art Center, included a request for committee volunteers in the electronic newsletter sent around campus. "With one notice, we got 14 committee volunteers and 25 artists, so we knew there was enough interest to proceed," Mrs. Bickart says. "One of the committee's first, unanimous, decisions was to include students in the show. Things have just taken off from there."

In addition to building a sense of community on campus, Mrs. Bickart says the show will also draw in the citizens of Golden. "We had heard that community people were lined up at the door to get into the student demonstration of projects held last February as part of Ted's inauguration," she says. "We have sensed a real hunger on the part of Golden residents to be more involved in the life of Mines. Building community not only within Mines but between 'town and gown' is important to us. The school depends on the city of Golden for many things, and we want local residents to feel good about the school and welcome at Mines."

The dates and location of the art show were chosen to enable the greatest number of people to see it. "Practically every student will be hitting the library before finals, when it's open for especially long hours," Mrs. Bickart continues. "Alumni will have time before and after their reunion activities to stroll around on graduation weekend. Parents and families coming for Commencement can drop by. And the residents of Golden will have three weeks to get here. I expect it to be a great success."

The deadline to submit registration forms is Feb. 11. Forms can be picked up at the library circulation desk or at the alumni office at 1600 Arapahoe St. Artwork must be original, not made from kits, and must be ready for display (matted and framed if work will be hung). Each artist may submit one piece per medium (limited to three per artist).

"I think the show will be a lot of fun and will give the Mines community and the greater Golden community a new perspective on the people who study and work at Mines," says Mrs. Bickart.

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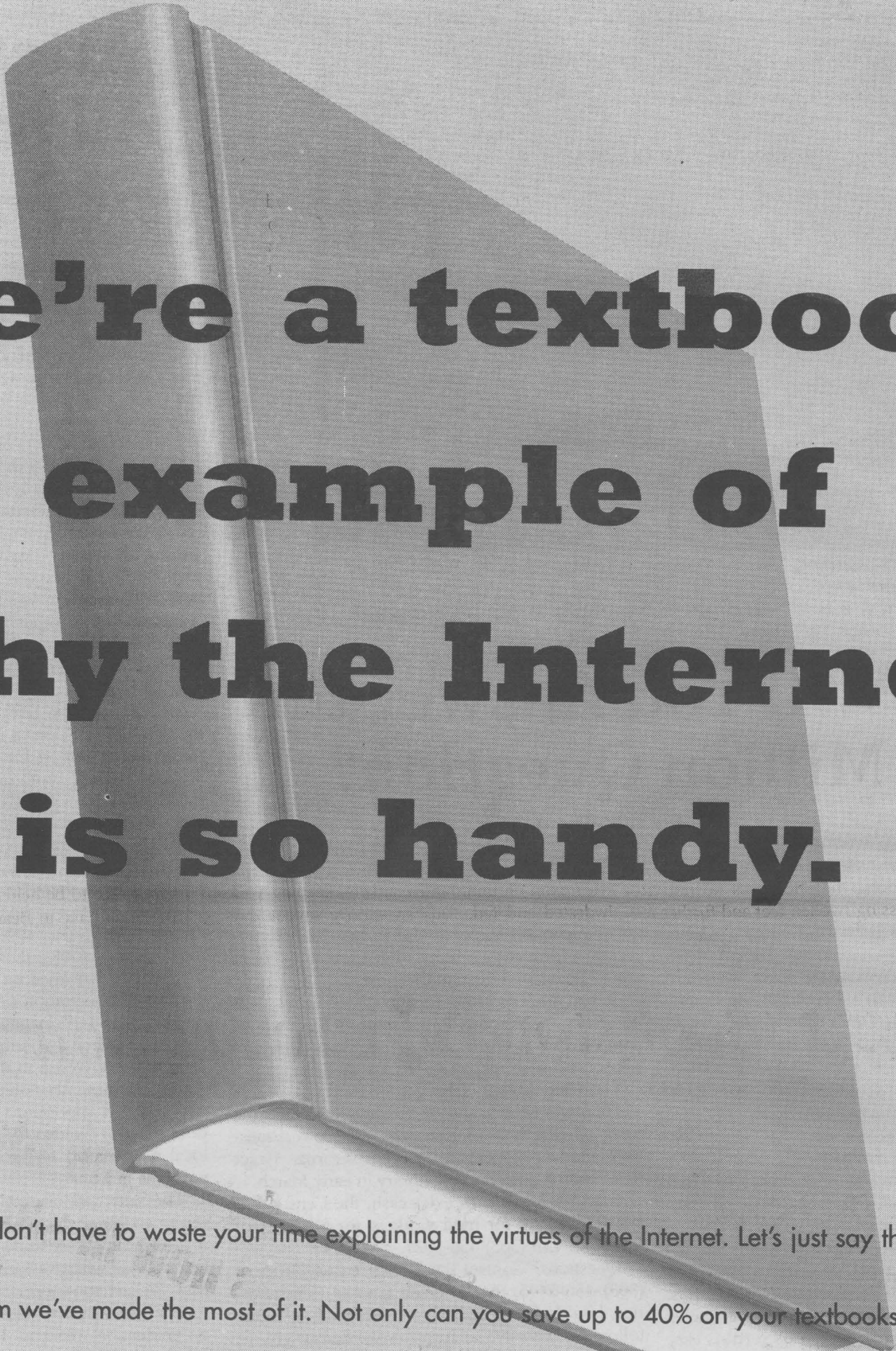
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Cold Concerns

Be Prepared for Winter Weather

Winter in Colorado can be beautiful. It also can be uncomfortable, dangerous, or even deadly. All of you will ski, board, snowshoe, bike, hike or at the least travel in a car this winter. Common sense and preparation are essential to your enjoyment, health, and maybe your life.

Hypothermia, the lowering of body temperature to 96 degrees F or below, and frostbite, the freezing of body tissue, are the two major cold-caused injuries. At air temperatures of 82 degrees F or less, humans require clothing, shelter, or a source of heat to maintain body temperature.

Clothing insulates your body. Dead air space in between layers of clothing also insulates. Each layer should be larger than the underlying layer to preserve air space in and between fabrics. Since wet fabrics do not insulate nearly as effectively as dry (loss of air spaces) the layer next to the skin should pass perspiration through without becoming wet. Polypropylene is ideal in this respect. Wool is one of the few fibers that does insulate even when wet. Down is an excellent insulator, extremely light-weight, and very compressible, but must be kept dry.

The outside layer of clothing should be wind-proof and water resistant, but capable of letting water vapor escape. Hats are extremely important, as heat loss can be considerable from the large volume of blood which supplies the head.

Frostbite of hands and feet occurs in part because, as the core body temperature drops, blood vessels in the extremities constrict, reducing heat loss from this relatively large surface area, and concentrating circulation in the body core to vital organs. Mittens are superior to gloves in preventing frostbite.

Leather, insulated, breathable boots are best for activities such as hiking, x-country skiing, snowshoeing, or biking. Plastic boots do not expand at all, compressing swollen feet and further restricting blood flow and warmth. Plastic shell boots

should be reserved for sports such as down-hill skiing or boarding when emergency exposure is unlikely and help is available quickly.

For any trip into an uninhabited area, emergency preparedness is essential. A badly sprained ankle two hours from the trailhead at 3 p.m. can mean exposure to temperatures 40 or 50 degrees colder before you are off the mountain. Just not being able to continue being active (thereby producing heat) means that what was a very comfortable temperature while exercising becomes a life-threatening temperature at rest. An extra insulating layer, hat, mittens, and dry socks should be part of your pack for all winter trips. Matches, a small amount of tinder, such as dried slivers of cedar shingles, and a "space blanket" will add only 2-3 ounces to your pack.

Always carry extra food and water in case of emergency. It is important for group members to assess each other. Watch for the whitish or waxy patches on cheeks which signal frostbite. Suspect that the group member who is shivering, having trouble with fine motor skills or who is stumbling or becoming incoherent is suffering from hypothermia. Assist him or her in warming up. At this stage, hypothermia is reversible.

Severe hypothermia in which coordination is absent and rational thought disappears is often fatal. Prevent it. Equip your car or truck each fall with a shovel, blankets or sleeping bag, water in a container that won't break if the water freezes, and some high energy food.

Cat litter or sand is a good traction aid. If you do get stuck, try to make your car as visible as possible. In heavy snow, stay with your car unless you can see other safe shelter. Keep a down-wind window cracked slightly and run your engine for a few minutes each hour for warmth. Staying sheltered, using your extra clothing and blankets, keeping yourself hydrated and fed, you can survive several days in even very severe conditions.

Concrete Canoe Competition

More than 250 college civil engineering students will be rowing in the Rockies at the annual National Concrete Canoe Competition to be held June 24-26, 2000.

Colorado School of Mines has been selected to host the 13th annual competition, which is organized by the American Society of Civil Engineers (ASCE) and sponsored by Master Builders, Inc.

Held in a different location each year, the national competition challenges co-ed teams of college engineering students to find a way to do the seemingly impossible: design, build and race concrete canoes.

The goal of the competition is to give students hands-on experience with engineering principles and important problem-solving and project-management skills, which they will need in their future engineering careers.

The national finalists will be determined at 20 regional competitions held in the spring, in which nearly 200 teams will compete. At the national level, the top teams compete for \$9,000 in scholarship prizes awarded by Master Builders, Inc.

Entries will be judged on several criteria. Seventy percent of the score will be based on the appearance and structural integrity of the final canoe, a display, and written and oral presentations detailing the canoes' design, construction and materials. The canoes also must pass a critical "swamp test" in which submerged canoes "pop up" and float.

The rest of the score depends on the students' paddling prowess in two-person men and women's sprint and distance races, and a four-person co-ed sprint race to be held on Monday, June 26, 2000, at Big Soda Lake in Bear Creek Park in Lakewood.

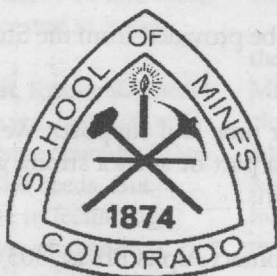
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Mine Residence Halls and Fraternity Housing Improvements

Faisal G. Hashem

Over the past few years, Mines has been trying to improve its housing situation. Planning has been going on for various projects and, with the recent selling of a bond for \$7.8 million, "the money is in the bank," according to Dr. Harold Cheuvront, Dean of Student Life. "This is not a money-making project ... our major concern is to control and insure the quality of our living space." Cheuvront continues by saying that "our first priority in the residence halls is to the entering freshmen."

A general rundown of what is going on:

Weaver Towers was the first hall to be improved, receiving its 'face lift' and general repairs during the Christmas holidays. The Towers received new carpeting, new curtains, new furniture, and renovations to the front desk. Soon the Admissions Office on the first floor of Weaver will also be completely removed; more dorm rooms will take its place. This will give Mines 14 new beds, according to Bob Francisco. The timing on the new dorm rooms will coincide with the completion of the new addition to the Student Center.

The Student Center's north side will be expanded by approximately 13,000 square feet. This facility will include a new home for the displaced Admissions Office from Weaver Towers. Also, a multitude of 'service' offices including the Registrar, Financial Aid, Career Services, Cashier, Academic Services, International Student Services, and the Student Development Center will occupy this new facility. In addition, it will contain a spacious 2,500 square foot multi-purpose ballroom. Work on the Student Center extension is scheduled to begin within 6 to 8 months; completion is planned for May 2001.

Major renovations to the four traditional residence

halls are slated to begin at the end of this school year. These renovations, which include work on the mechanical, electrical, and air-conditioning systems, as well as the carpeting and restrooms, will be accomplished one building at a time. The exact order of which building will be renovated when is still not known. What is known is that 81 to 101 beds will be lost at any given time during the progress of this project and that the approximate time for completion of these projects will be two years.

Mines Park will be getting two more buildings, each of which will contain 16 two bedroom units. These buildings will be built at the back of the property. The good news here is that state code requires some 1.3 parking spaces per resident. This means that since most students own no more than one car (or no car), there will be even more parking spaces available, at least at Mines Park. It costs the school \$1,000 to produce one parking space. Both Dean Cheuvront and Bob Francisco tirelessly try to keep their fingers on the pulse of Miner's parking needs. They are constantly surveying and comparing parking conditions around the CSM campus and apartment complexes.

Prospector Village may possibly see some tear-downs in about five years, though an exact date is uncertain. The school has offered to build new houses for both of our sororities on the resultant lots. Both sororities have expressed interest. Any additional 'freed-up' space may be used for parking too.

The two existing houses which are currently occupied by the student development center and international student services are owned by the state. If the school has its way, after these services have relocated to the student center's new addition, they too

may be parking lots.

One of the school's contributions to alleviating the housing shortages during this period of renovation and repairs has been to offer help to our fraternities and sororities in the way of buying, renovating, and Maintaining their facilities. The fraternities and sororities will still keep control over their chapters. Their only obligation to the school will be that the students' rent will go to Mines rather than the house. This is a more generous offer than it first appears. Most of what the school has to work with in terms of the chapter houses is dilapidated. Plus, the repairs must meet current building codes and the school will be responsible for all ongoing repairs and maintenance costs.

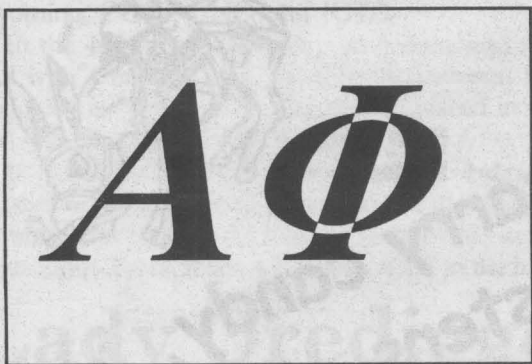
Recently the Sigma Nu house was purchased by the school and renovations will be under way during this year. CSM has also offered to build a house for the Phi Gamma Deltas (FIJIs); they accepted. The new FIJI house will be across the street from the ATO house and will be completed before the end of this year. It is also rumored that the new sorority, Alpha Phi, may be interested in taking over the old FIJI house. According to Hobie Troxell, a FIJI spokesperson, the survey is done, and now, Mines' Student Services and the FIJIs are presently working with the architectural engineers. The likely move-in date will be October or November of 2000. All building and renovations commissioned by the school will be ADA (American Disabilities Act) compliant. The FIJI house will add 25 more beds to Mines and the cost of rent per student will be somewhere in between that of the traditional residence halls and Weaver Towers. The Sigma Nu house will provide 30 beds. The school has given similar offers to all of the fraternities and sororities at Mines.

New Women's Fraternity on Campus

Lianne Hill

As some have noticed, a new sorority is beginning to colonize our campus. Actually, it is a women's fraternity, and it goes by the name of Alpha Phi.

Sitting at a table on the ground floor of the Student Center, two women of Alpha Phi have been handing out cards and candy to the strolling pedestrians of the area. They have been promoting their



sorority and the recruitment which will be occurring the week of Jan. 17.

Alpha Phi focuses its energy on character growth, sisterhood, and the "highest ideal of womanhood," according to Alpha Phi's constitution. Alpha Phi, like most of the other Greek organizations on campus, focuses its energy on a few specific causes. Two important issues that the sorority works with are heart disease and women's issues.

Alpha Phi started in 1872 at Syracuse University. They have a long tradition of sisterhood and leadership around the country, and have 210 collegiate and alumnae chapters in the United States and Canada.

If you have any questions on Alpha Phi, including

general questions about the sorority or about their spring recruitment schedule, contact the Alpha Phi Team Mines Consultant, Mary Block, at 303-384-2191, or e-mail her at jablock@ix.netcom.com. Alpha Phi is also on-line at www.alphaphi.org.

Schedule of Events:

Monday, January 17th
11:00-1:00 and 5:00-7:00
With presentations at 12:30 and 6:00
Ballroom C

Tuesday, January 18th
11:00-1:00 and 5:00-7:00
With presentations at 12:00 and 6:00
Ballroom C

Thursday, January 20th
5:00-7:00
Coolbaugh House

Saturday, January 22nd
5:00-8:00
Desert reception
Transportation will be provided from the Student Center to the Marriott

Thank you for your time and support. We look forward to becoming a part of such a strong group of campus organizations.

Please feel free to contact Alpha Phi at (303) 384-2191 or ajalbers@aol.com

Starting Salaries High for CSM Grads

Starting salaries for engineering graduates at Colorado School of Mines are running several thousand dollars above the current national average. According to the annual salary survey released this week by The Engineering Workforce Commission of the American Association of Engineering Societies (AAES), the mean income in 1999 has averaged \$41,473 for entry-level engineers.

The average starting salary for all graduates at Colorado School of Mines for the '98-'99 academic year was \$43,061. Certain disciplines fetched even higher figures, such as petroleum engineering graduates who averaged \$48,040; chemical engineers, \$46,028; and electrical engineers, \$45,060. Science majors also fare well. The average starting salary for physics graduates is \$46,800, and for geophysics it's \$45,817.

Signing bonuses are becoming more common, according to CMS's career center director Ron Brummett, with some students even receiving signing bonuses just for summer work.

More than 150 companies and government agencies recruited on campus during the '98-'99 academic year. Of these, 45 were either new to CSM or returning to recruit at CSM after an extended absence.

"As technology continues to be a major factor of our nation's economic growth," said Tom Price, executive director of the AAES, "engineers will remain in high demand. Rising salaries and a very low unemployment rate reflect this demand. It's a great time to be an engineer!"

Letter to the Editor

LAIS Response

LAIS Responds to Former Oredigger Editor's Accusation

Editor* John McLaughlin's article "LAIS Threatens the Future of Student Publications," published in the November 18 edition of the *Oredigger*, overlooks the underlying issues that have sparked the current discussion on student publications. One agenda item presently facing Undergraduate Council is recommending actions that are supportive of student publications but resolve concerns over how we manage the delivery and credit-granting mechanisms of the associated student publication courses. The discussion surrounding this agenda should not be interpreted as a threat by any party to the continuance of the *Oredigger* and *Prospector*. At the present time, the courses that host the publication of the *Oredigger* and *Prospector* are being managed, staffed, funded and operated through the Office of Student Life. There is general agreement that this arrangement is working well. However, academic credit for these courses is being awarded through the Division of Liberal Arts and International Studies (LAIS), whose academic mission and course portfolio falls within the scope of a different Office, namely Academic Affairs. The concern expressed by the LAIS Division is the disconnection between its responsibility in awarding academic credit while having little or no say in course operation and academic standards (although it does participate in the selection process for course instructors.) Since day-to-day course delivery and operation is working well through Student Life, the LAIS Division justifiably raises the question of whether it should continue to be appropriate for it to award the credit. In raising this question, LAIS has also queried the appropriateness of academic credit in student publications, citing other colleges where

credit is not granted for such activity, despite its experiential value. Our Office of Student Life is defending the importance of academic credit for student publication courses at Mines, citing the efforts of our student writers and publishers and the recent improvements in the quality of the *Oredigger*. I have therefore asked the Undergraduate Council to contemplate approaches that resolve the disconnection in LAIS, that support the existing staffing and course operation through Student Life, and that offer an appropriate way to attach credit to courses in student publication. This will be a continuing agenda item for the Undergraduate Council for the near future, and upon consensus a recommendation on the matter will be shared with the Faculty Senate, the Vice-President for Academic Affairs and the Vice-President for Student Life.

Dr. Nigel Middleton,
Associate Vice-President for Academic Affairs,
Chair, CSM Undergraduate Council.

* Note - John McLaughlin was the previous Editor-in-Chief of the *Oredigger*.

Letter to the Editor

Saving Lives

The Argument Over Violence in Our Schools

Will we begin to care enough that we bring it to an end? I am truly sick of hearing people our age moan about how terrible things of this nature are while asserting that there is nothing that they can do about it. What a cop out!

This most recent shooting in Oklahoma says something to us that we must listen to. Earlier acts of violence had been mostly committed by social outcasts or radicals, but now in this recent attack a popular well off child was involved. Is it obvious to anyone else that there must be a problem in modern society for occurrences like this to take place? There is a fundamental issue in society that is flawed. And though it is quite possibly beyond anyone what that exact problem or group of problems is; I condemn society for not looking in the right place for solutions.

The idea of solving an unspecified problem may seem ludicrous to many but in my eyes it is quite realistic. When was the last time that you hurt something that you saw value in? I would guess that in modern, materialistic society no one that reads this would ever consider purposely injuring one of their prized possessions. But do we prize people in our country anymore? No is the answer. The human spirit has been thrown aside and in doing so the intrinsic value of human life has also been shattered.

People don't function without recognizing their spiritual presence. They make good robots that way, but are otherwise torn. Yin without Yang, flesh with-

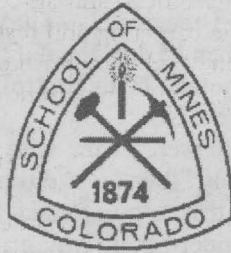
out soul, whatever you want to call it. Every major religion on earth recognizes the importance of the spirit and yet in our modern arrogance we have told the spiritual force, whatever the name, to go fuck itself. We have taken away the meaning of life and in doing so have striped life of its value!

So what is the answer you ask? It is to stop giving excuses and give of ourselves. Not money, or lectures but give our ears and love. If it were not for those people who listened to me in life I may have struck out in anger as well. It is only when anger fades that one finds their soul and in doing so finds value in life. I don't propose forcing religion on anyone, far from it in fact. It is my firm belief that to do so is to shove that person farther from the God. Rather, all of us who care should learn to listen well and give of ourselves through mentoring projects, and friendship. That is the only way to save or children. They look up to us and it is time that we begin looking back at them.

Jered Dean

The Oredigger

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The Benefits of a Language Lab

As children we climb trees and run around barefoot; we are in touch with our basic nature. As we grow older we spend more and more time living by a schedule, an agenda. But learning a new language requires a relaxed environment. A lectured course in its own nature requires a syllabus, an agenda.

While studying a foreign language in a laboratory setting is certainly a voyage of cultural-discovery; it is a voyage of self-discovery, as well. It allows the student to develop his or her own expressions more freely.

Everyone needs to, from time-to-time, escape the tyranny of time, to still the mind, to gain a sense of one's own pace in the innocence of the moment. This is the benefit of a language arts laboratory. Educational systems need to provide a vehicle in which the language arts students will find balance between agenda, and individual pace and practice.

Faisal G. Hashem

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Introduction

Male Birth Control

A recent article came out in *Cosmo* magazine, discussing men and birth control. The twist on the issue, though, was that it was not an article dealing with what people thought about birth control, but women's responses to a new birth control drug – for men. There were two sets of responses: those who loved the idea because it meant condoms would no longer be an issue in long-term, monogamous relationships, and those who felt they could not trust a guy to take the pill.

A few of us decided to look into the idea of what Mines' students thought of this idea, and ended up talking to various people on campus. One of us decided to work on the girls' viewpoint of the subject, the second on a guys' view. Our third writer on the issue, however, wrote his own, more critical view of the subject. We all seemed to agree, and get the response from students, that this drug would not be the perfect solution.

The Women's View

Earlier this week, I set out on a quest to see what women thought concerning the issue of men taking birth control pills. I asked around the dorms, I asked around Mines Park, and I asked other women I encountered around Mines. The overwhelming response I received? "That is a really great idea!" But, when I asked them if they would trust a guy to actually take birth control, what did I get as a response? "No."

There were a few who said, "well, maybe" or, "possibly," but most did not feel they could completely trust a guy to take birth control. This made me wonder about why girls did not trust guys on this issue. Is it because men are inherently untrustworthy? I doubted that statement, or else we would not have any sort of relationship, whether as friends or as dates, with men. I asked around about why the girls didn't think they could trust their men – or any man – to take birth control responsibly. One woman said that "you can't trust anyone but yourself." She felt that she could not trust anyone to be entirely responsible for something that could change her life so completely. She also said she knows how forgetful and irresponsible she occasionally is, and does not want to have to take the chance that her boyfriend would forget.

Another response I got from women was that men taking birth control, along with women taking birth control, would be very good, "just in case." Also, they felt there would definitely have to be a lot of trust and maturity in a relationship before it got to that point, and very good communication. Both parties would have to be comfortable saying that they forgot to take the pill, and would have to act responsibly. However, the idea of both parties involved in the relationship taking birth control was quite appealing to all I questioned.

Another interesting aspect of the whole discussion is that the women I talked to felt that guys would be even more unwilling to get their partners pregnant than the women themselves. However, this did not mean the women were any more inclined to trust a man to take birth control. They said that things like that are easily forgotten, and that they did not want total responsibility for birth control to fall on the guys.

Both women and men have taken responsibility for birth control in their relationships, but depending on the relationship, one usually takes more responsibility than the other. In the past, men have had to trust their wives and girlfriends to remember to take the pills, especially if that was their only precaution; is it not odd that now, when the situations are reversed, we do not trust them?

Lianne Hill

The Men's View

Guys, ever wondered how (or if, so help you god) she actually remembers to take the pill every day? If you haven't, you are probably not a good candidate for a male birth control pill. If you're like me, you have wondered-for about five seconds, and then moved on. Things like that tend to fall in the glad-she's-the-girl category. Females do have their own corresponding category, for things like restaurant bills, but there is a definite imbalance, especially in the realm of contraception.

With a male birth control pill on the horizon, there may be a shift coming, but it is bound to be a tiny one. Although oral forms of the drug will probably not be available at pharmacies for another 5 to 10 years, the wait for male attitudes to change will be longer. As of now, steady relationships generally rely on the pill to prevent pregnancy. If sexually transmitted diseases are not an issue, couples understandably prefer the simplicity of the pill to awkward chores in the heat of passion. Especially the guy, because he has to do absolutely nothing.

Fortunately, the way this works fits right in with the nature of men and women. First of all, guys are

widely known to be pitifully apathetic. Accordingly, we don't spend time fretting over whether or not the girl is keeping up with the program. We're more than happy to pass on anything involving planning and commitment anyways.

On the other hand, women are more likely to worry about pregnancy, for obvious reasons. They are also more in touch with their bodies than are men (one exception comes to mind), which leads to them pampering and such. Swallowing the pill pales in comparison to the mysterious, tangled web of daily rituals performed by girls, I think.

Of course, this current arrangement is not necessarily in everyone's best interest, nor is it fair to women. Men are not forced to take part in contraception, which further distances them from even thinking about it. This is a very-negative effect, for the issue should be one addressed as a couple, not individually. The availability of the female pill, along with the absence of a male version, unfairly burdens women with the responsibility and expense of birth control pills.

Obviously, pregnancy is not the only thing to be prevented. That hottie you picked up at the club might be exaggerating the "shy" thing more than just a little, or maybe they're just plain unlucky.

Preventing this type of bad luck takes more than the pill. Condoms and other means are the only ways to stop STDs. They really should be used along with the pill, even in long-term relationships. Men are basically confined to either using a condom or undergoing a vasectomy if they want to exercise some control. A male pill will give us another option, and might lower the rate of single motherhood.

However, the introduction of a male pill will not alter the need to protect against STDs or the nature of the HIV virus, and would not necessarily be as effective as the female pill. No doubt many single women would continue using their current forms of birth control, and so would be affected only slightly by the advance. Longer-term relationships will benefit from the new pill most, because either partner could take on the responsibility of contraception.

For the male single-at-large, the new pill cannot replace the condom. As for married men, they're lazy too. Most probably prefer a one-time surgery to having to do any one thing every single day. Besides, how many women would trust such daily details to men... and who can blame them?

Tim Newlin

An Alternate Viewpoint

Should Men Take the Pill?

The real problem with birth control is not who takes the pill. The problems are what affects the birth control pill has on those who take it and the reasons behind its use.

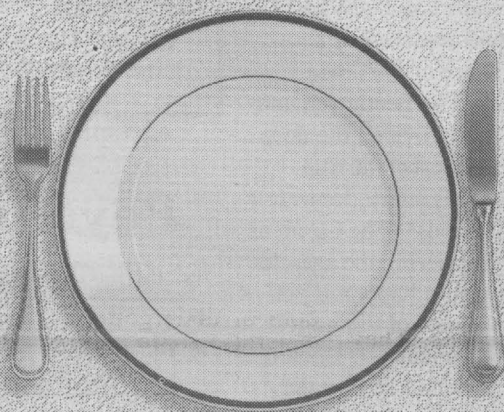
First I wish to call to your attention the reasons behind the pill's use. Now we all know that it is meant to prevent pregnancy but the question is why? Why do you not want to be pregnant? Are you too immature to handle a child? What were you thinking when you engaged in an act that caused this child's being? My point is that you should accept the consequences of your actions and not resort to birth control.

Is this an extreme position? Perhaps it may seem extreme to decry birth control, but let me explain my reasons. First of all, I believe there is a consequence behind birth control. Many women have taken some form of birth control that has caused emotional instability while using it and has caused infertility later on. However, these may not be the only problems that we can attribute to the pill. What if it causes breast cancer, or perhaps some other deadly disease? It is hard to pinpoint the causes of many diseases and it also hard to track the long-term effects of any drug.

All drugs have side effects yet somehow we've bought into the idea that somehow there's a cure for all our ills in the world of medicine. We think there's something out there that can give us muscles without work, take away fat without reducing our food consumption. Well, sure there are pills that do that, you only have to accept the serious and deadly side effects.

May I be so bold as to suggest that our best course of action lies in self-discipline and self-restraint instead of some wonder drug. The best form of birth control is abstinence. That may not be a wonder drug but it's proven 100% effective with no side effects to worry about. As far as I am concerned, the answer is simple. There will always be a consequence for having sex; you only have to choose what the consequence will be. Will you have a child and the benefits associated with them, or will you take the pill and suffer health and/or emotional problems?

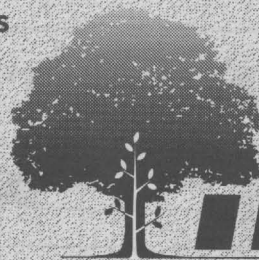
James Oltmans



Think About This:

You Want To
Begin Investing.
But You Can't
Afford Much Per
Month, And
Inflation Is Eating
Your Savings
Account For Lunch.

When you can only afford to invest a few dollars every month, you'd better make sure those dollars are working hard for you. Try Series I Bonds. You can get started with as little as \$50. They're guaranteed to stay ahead of inflation for up to 30 years, and their interest is fully exempt from state and local income taxes. What's more, you can purchase I Bonds where you work, bank, or through the new U.S. Savings Bonds EasySaverSM Plan. And since they're backed by the full faith and credit of the U.S. Treasury, every cent of your investment is protected. So visit us on the web at www.savingsbonds.gov, or write to **I Bond Investor's Guide**, Parkersburg, WV 26106-1328. Because inflation is getting hungry for dessert.



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A public service of this newspaper



Attention Student Organizations

For all groups that sponsor functions that serve alcohol, alcohol policy education sessions have been scheduled for this semester. The policy states that all organizations must attend an alcohol policy education session yearly. The sessions are in Student Center room 236 Jan. 18 at 4 p.m.; Jan. 25 at noon; and Jan. 27 at 4 p.m.

For additional information, contact Cairn A. Lindloff in the Office of Student Activities. (clanders@mines.edu)

126th Annual Degree Convocation

May 5, 2000

March 30 & 31: Graduation Salute, Student Center Ballrooms A & B, 10:30 a.m. - 2:30 p.m.

April 26: Graduation Practice, Bunker Auditorium, 4 p.m.

April 28: Check-out forms due to Dean of Students office

May 4: Senior Banquet, Friedhoff Hall, 6 p.m.

May 5: Graduation Day!

Fantasia 2000 finally realizes Disney's dream

By Brett Maughan

Next to the end of the world, the Y2K catastrophe and Dick Clark at Times Square, one of the most anticipated happenings at the turn of the century was the opening of *Fantasia 2000* at IMAX theaters across the United States. Well, maybe not that big. But among those who have experienced *Fantasia*, whether at its big screen debut in 1940, its revivals in the late-1960s and mid-1980s, or in miniature on videocassette, the question hanging on all their tongues has been, "How will this new creation compare to Walt Disney's original masterpiece?"

So, now that the show has had time to settle in, and the critics have had their say, how does this innovative film fare? The complaints are few and far between, but always of the same nature. *Fantasia 2000*

aims to please a broad audience, while the original was daring and highly intellectual, perhaps above the heads of many younger children, which are the staple audience of most Disney films. For this reason, some judge *Fantasia 2000* as a sell-out. Disney enthusiasts will make the same comment about this show as they make about all modern

Disney animated features. When the soft watercolors of the first few films gave way to sharp ink and computer-generated art, something was lost, something intangible and indescribable. But, most difficult of all for *Fantasia 2000* to overcome in the eyes of its

and one old favorite: the piece that started the whole project. Paul Dukas' "The Sorcerer's Apprentice," starring Mickey Mouse, didn't fare so well in the transition to IMAX, but it is still fun to watch on a big screen again.

The other seven include Beethoven's "Symphony No. 5," George Gershwin's "Rhapsody in Blue," Edward Elgar's "Pomp and Circumstance" and Stravinsky's "Firebird Suite." All were performed by the Chicago Symphony Orchestra conducted by James Levine. Guest stars who serve as narrators include: Steve Martin, Bette Midler, Itzhak Perlman, James Earl Jones, Angela Lansbury, Quincy Jones, Penn & Teller, and, of course, Mickey Mouse.

One of the highlights of the show, in my opinion, was the Gershwin number, which followed the plights of

four unhappy souls in the same city. The artwork was modeled after the legendary caricaturist Al Hirschfeld (the same inspiration was used for the Genie sequences in *Aladdin*) and told an engaging story well matched by a powerful performance of Gershwin's most famous work. The Beethoven and Stravinsky numbers provided the deep artistic and musical meat of the film. Meanwhile, humorous interludes were provided by Saint-Saens' "The Carnival of the Animals," answering the age-old question, "What would happen if you gave a yo-yo to a bunch of flamingos?" and the Elgar piece, which pits Donald Duck as Noah's assistant aboard the Ark, lending a new image for all of us who associate the work solely with graduations.

Despite the \$10 ticket price, *Fantasia 2000* should be experienced on the IMAX screen and is well worth the price. It is playing at the new IMAX theater in the Colorado Center 9 complex at I-25 and Colorado Blvd. The screen is touted as being the largest in the Rocky Mountain area at 5-stories tall and 70-



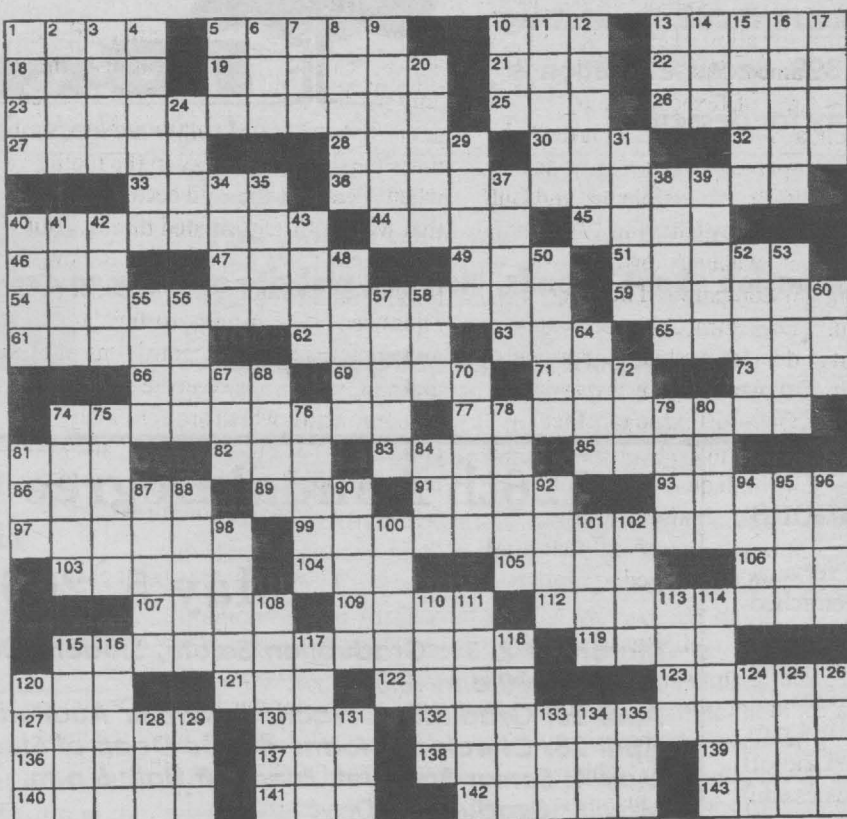
critics is the nostalgia/hype factor. This is the same phenomenon that brought harsh reviews to *Star Wars I: The Phantom Menace*. The original *Fantasia* has had 60 years to become a legend, a masterpiece of animated film, to endear itself in the hearts of at least three generations of moviegoers. That's a tough thing to live up to.

Nevertheless, taken by itself, *Fantasia 2000* is an incredible synthesis of art and music that is sure to find its own place in movie history. Designed specifically for IMAX theaters, the film is infused with standard Disney laughter and playfulness, while still making profound artistic and philosophical statements. Most importantly, *Fantasia 2000* does justice to its predecessor, and, in the process, finally realizes the vision that Walt Disney had for this project 60 years ago. His intention was for *Fantasia* to be an ongoing work that would return to the screen every once in a while, with new pieces as well as a few favorites from previous showings. *Fantasia 2000* has done just that, with seven new cartoons,

ACROSS	61 Neighbor of Uganda	106 Kapaa keepsake
1 Actress Adams	62 Roads scholar?	107 Articulated mishap
5 Computer catastrophe	63 Inc., in England	109 Stocking
10 Hen or pen	65 De Valera of Ireland	112 Die tote Stadt
13 With breath	66 Helper	115 "Bubbles" composer
18 Press	69 Moves like mad	119 Mortgage, for one
19 Sarge, e.g.	71 bran	120 Mil. rank
21 Rocker Gillan	73 Bilkini part	121 Chou En-
22 It's down in the mouth	74 The Swedish Nightingale	122 Burn remedy
23 "Mr. Television"	77 "The Great Pacificator"	123 Boxer Archie
25 Cavity	81 Actor Brynner	127 Biggie instrument
26 "The Bug" (65 film)	82 Antiquity, archaically	130 With 55 Down, "Sleepless in Seattle" star
27 Diva Bidu	83 Depressed	132 "The Desert Fox"
28 Latin I word	85 Actor Morales	136 Lithe
30 "Whether nobler in the mind..."	86 Toddler's transport	137 Ring legend
32 roll	89 carte	138 Sib's kids
33 Petrograd potentate	91 Responsibility	139 Pass catchers
36 "America's Sweetheart"	93 Peter of Herman's Hermit	140 Belief
40 Single-minded guy?	97 Excessively fond	141 60's campus org.
44 Local theater	99 "The Belle of Amherst"	142 Writer Rogers St. Johns
45 Tombstone lawman	103 Couch potato's woe	143 French fries, e.g.
46 Essen exclamation	104 Branco, Brazil	
47 Got off	105 "The Time Machine" people	
49 Private pension		DOWN
51 Abounds (with)		1 "the word"
54 "The Little Tramp"		2 Merrill melody
59 Proof-reader's list		3 Hard on the eyes
		4 Free
		5 TV station

6 Pinch	50 Author Chekhov	96 "Idylls of the King" character
7 Chemical suffix	52 Cobra kin	98 Knot
8 "Beat it!"	53 Bedtime reading	100 Ancient Aegean area
9 Basketball coach Nat	55 See 130 Across	101 Self-possessed
10 Use a straw	56 Sprawled	102 Soprano Te Kanawa
11 Half of Hispaniola	57 Tolerate	108 Alpaca relatives
12 Tempt	58 Weasel word?	110 Ludden or Funt
13 Kramden's vehicle	60 Literary collection	111 Singer Estefan
14 Clark's "Mogambo" costar	64 Challenge	113 Verna captain
15 Teach on the side	67 Salon supply	114 Folklore figures
16 Endangered animal	68 Joyce of "Roc"	115 Comic pianist
17 Comic Carvey	70 Lustrous	116 Illinois city
20 Still's partner	72 Cobb and Hardin	117 Produce of leisure?
24 Silmy stuff	74 One of twelve	118 Put in stitches
29 Astrologer Leek	75 Top-drawer	120 Winter wear
31 Ray	76 Gentleman of leisure?	124 Word form for "all"
34 Game ending?	78 Lose one's tail?	125 Funnymen Fox
35 Part	79 "How Be Sure?" (67 song)	126 In addition abbr.
37 Problem for Pauline	80 A roaring success?	128 Bristol brew
38 Brother, to Bizet	81 Accounting	129 Ensnare
39 La Scala production	84 Cubic meas.	131 "Saving Private Ryan" extras
40 Support	87 Ballet company	133 Cola cooler
41 Flu symptom	88 Harden	134 "Blu, Dipinto Di Blu" ('58 hit)
42 Biggers detective	90 Wrong	135 Pretoria's loc.
43 Loaded	92 TV's "Stalkings"	
48 Sticky problem?	94 European capital	
	95 Playwright Coward	

Super Crossword



Courtesy of King Features Syndicate, Inc.

What's on This Weekend

Opening On the Big Screen

- *Play It To The Bone* (Woody Harrelson, Antonio Banderas)
- *The Rear Window* (Re-Release: Jimmy Stewart, Grace Kelly)

Denver Performing Arts Complex

- Colorado Symphony Orchestra (Gutierrez on piano @ Beottcher Concert Hall)
- *Red, White, and Tuna* (2 actors play 20 roles @ Auditorium Theatre)
- *Peter Pan* (@ Buell Theatre)

At the Clubs

- The Indulgents (Irish Rock @ Fado's Irish Pub, every Wednesday)

Etc, etc...

- Komodo Dragon exhibit (@ the Denver Zoo)
- "Rivers: The Song of Life" exhibit (@ the Foothills Arts Center)

Beyond Mines

By Tatiana Dueño

THOSE WINDY GOLDEN DAYS..



© B.T. DUEÑO, 1995

Snowboarding pilgrimage begins in Utah



Terra Rogers(left) and Amy Hinkle at Brighton, Utah.

By Terra Rogers

Not all fantasies revolve around sex! Given one Colorado School of Mines winter break and a Mitsubishi, Amy and I set out to define such a fantasy. In 14 days we snowboarded at nine unforgettable resorts, endured 5,000 miles of North American and Canadian pavement and changed my occupational intentions from chemical engineering to the All-American, powder-chasing ski bum.

After an anxious eight-hour drive and a total of three hours sleep, Amy and I confronted our first destination, Brighton, Utah, where they boast, "At least there's one thing you can do in this town to excess!" referring to the sport of snowboarding with an intentional reference to the dominantly Mormon society that surrounds it. The

resort's catchy yet controversial sense of humor has received a lot of national attention for their recent advertisements. My favorite is "This is Utah. Why be wedded to just one resort?"

Brighton, speaking in mythological terms, is the Olympus of snowboarding. In one afternoon I witnessed countless professionals performing acrobatics on an impressive half pipe to the beat of the Beastie Boys pounding from a permanently set up sound system. This will soon be out done by the first Burton snow board park in the world.

On this day, Brighton was hosting an educational camp, a part of the Utah winter games, taught by local professionals. They covered half pipe technique, something I am in dire need of and I appreciated every tid-bit of advice they threw my way. Brighton attracts its loyal followers through extremely reasonable pricing, snowboarder-friendly hospitality and intense backcountry opportunity. This, on top of night skiing, which services 200 plus acres including 20 runs and three chairs, is enough to tempt me into purchasing a season pass. I could fit in that eight-hour drive between classes, right? Due to its proximity to the city of Salt Lake, I would expect every one to utilize the nightlife as well as I did. I

brought home a bowling pin trophy from a dance contest I won. Sleep is over-rated!

After a short nap between the hours of 3 a.m. and 6 a.m., Amy and I drove to see "The Greatest Snow on Earth" at Snowbird Ski Resort. This is no deviation from the truth; the dry powder that blanketed the resort's 2,500 acres was just a fraction of their average annual snowfall of 500 inches. Had it not been for a bit of nausea, which Amy referred to as "punishment for the night before," I would have appreciated the 125-person tram as much as the others did. The view was breathtaking. Once at the top, we were given a choice of runs that cater to all capabilities. Being as invincible as all 19-year-olds are, we chose a steep drop speckled with trees, located just to the west of the tram, to begin our decent down Snowbird's 3,240 vertical feet. I was thoroughly impressed by Snowbird's snow quality, demanding steep terrain, and beauty. But what made this resort unforgettable to the engineer in me was the attention and precautions they have given to their surrounding environment, even before it was fashionable. Their constant reforestation and correction of the negative impacts of the mining industry that once existed in Cottonwood Canyon have made them a model for environmental-

ism. When the end of what I might refer to as one of the most exhilarating days of my life came, I flopped back into our Mitsubishi and reveled in my amazement of man's ability to make Utah's natural attributes into my ideal playground.

(Look for Terra's column to visit other ski and snowboard resorts each issue.)

PROFESSOR PROFILE: Dr. Ron Wiedenhoef

By Tim Newlin

Professor Ron Wiedenhoef is no spring chicken here at Mines. He has been involved in the campus for the past 20 years, serving on the school planning committee and teaching in the department of liberal arts and international studies.

Beginning with a civil engineering degree from Cornell, his education shifted toward humanities. After spending time in Munich on a Fulbright fellowship, he returned to the United States and completed two more degrees, both in the history of art and architecture: a master's from Wisconsin-Madison and a Ph.D. from Columbia.

While taking art classes, he noticed that most of the slides picturing classic art were black and white. When he asked why, he was told that it was too difficult to faithfully reproduce the colors used in paintings, and so color was simply omitted.

Owing largely to his technical background, Dr. Wiedenhoef recognized the problem was essentially a technical one, and he became interested in improving the situation. Forty thousand photos later, he is an accomplished art photographer, having documented a myriad of works in museums and cultural centers around the world.

His past projects include the documenting of St. Peter's Basilica in Rome, the Baroque Golden Carriage of the Prince of Liechtenstein, and numerous studies of urban environments around Europe. An upcoming project, which he plans for spring break, will bring him to Egypt to photograph ancient art.

Universities around the world regard his collections as important visual records, utilizing them in course instruction and research. Much of his work is available through Saskia Ltd. Cultural Documentation on the web at www.saskia.com.

Dr. Wiedenhoef says he enjoys teaching at Colorado School of Mines, citing the small class sizes and the close-knit community. He does have some suggestions to improve the campus, including the closing of Illinois Street for a more student-friendly feel, and additional audio/visual capabilities built into classrooms. He also points to a lack of humanities education in a typical Mines degree program.

On a campus packed with pioneering engineers, Dr. Wiedenhoef offers another dimension to the school. His extensive firsthand experience with European art, combined with his advocacy on the planning committee, make him a definite asset to the Mines community.

Oil: Those who have it and those who produce it

By Faisal G. Hashem

In this, the first of a series of articles about oil, I will give you a view of the current oil status of America, the Middle East, and Russia.

America is a consumer nation. Currently we consume 16 million barrels of oil a day and yet we can produce only 8 million barrels each day. Therefore, half our oil must be imported, which means our economy is critically tied to the world's supply. When the price of oil goes up, our trade deficit goes up, which in turn has a negative impact on our overall economy. If it jumps up suddenly, it could even cause our stock market to crash.

So, where is the oil? The known oil reserves in Saudi Arabia are 250 billion barrels. Iran and Iraq have in excess of 100 billion barrels each. The known reserves in the United States are 5 billion. Most of our oil is in Alaska's Prudhoe Bay, where the environment, both above the ground and under it, is harsh. The majority of the rest of America's oil is in Texas, Louisiana, and offshore in the Gulf of Mexico. These are just the known reserves. The U.S. may have, if we are lucky, 50 billion barrels. As for the Middle East...only God knows.

The Middle East has the

biggest reserves and in the Middle East, Saudi Arabia is king. Saudi and Kuwaiti oil is not only abundant, but cheap to produce. In fact, the lift cost is profoundly less than in other places. The only company allowed to drill for oil there is Aramco. But Aramco is comprised entirely of Texaco, Exxon, Chevron, and Mobil. Kuwait is drilled by two companies. One is a marriage between BP (British Petroleum) and Gulf Oil, now owned by Chevron. Together they make up what is known as KOC (Kuwait Oil Company). The other is Texaco. The Neutral Zone, between Kuwait and Saudi Arabia, is produced by Getty Oil, which is now owned by Texaco. KOC and Texaco together control the Neutral Zone. However, it is not the same high quality, light oil that jets out of the Saudi and Kuwaiti deserts, but rather a heavy oil that must be retrieved and processed at higher costs.

Russia...well, Russia may prove to be a success story yet. Until recently, Russia could not produce enough oil to cover its own domestic needs. But current developments in technology have brought a sudden change in production and Russia is now exporting oil. They are fast becoming independent of imported oil. And although the

rising price of oil may damage our economy, Russia's main source of revenue is oil. A dollar increase in the price of a barrel of oil today means \$1 billion to Russia.

In the U.S., oil is still costly to deliver. Currently we are drilling in the Gulf of Mexico in 5,000-10,000 foot open seas. This oil is difficult to produce as it turns to paraffin and wax in the tubing when it reaches the cold ocean floor. So that we must use insulated tubing. But these wells show promise due to new production technologies. Much of our oil is "heavy" requiring "artificial lift" and contains high concentrations of H₂S and CO₂ gases. These make sulfuric and carbonic acids, which are extremely corrosive. The oil is also often at 20,000 psi, and 400° F. All this translates to the high costs of production for American oil.

These figures make it clear why the U.S. protects, with diligence, the Middle East's assets. They also make clear our need for technological advance. As for our interests in the Middle East? I believe that for a long, long time, our destinies will be intertwined.

Future articles will discuss the political, economic, technological and environmental impacts.

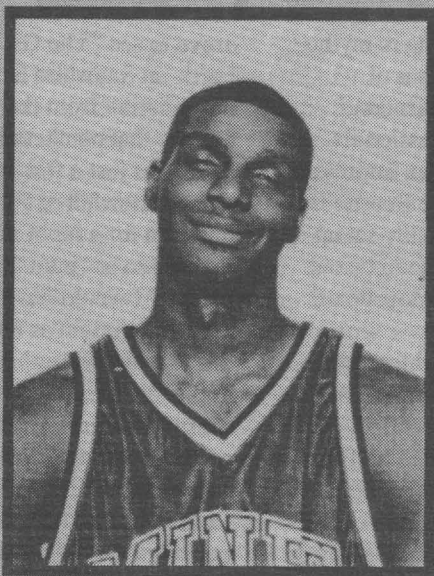
Orediggers of the Week

Kez Kennedy
Men's Basketball
6'5", 190 lbs, Senior
Lufkin, TX
Lufkin High School

In Mines' 86-85 victory on Saturday over Southern Colorado, Kennedy led Mines with 27 points (9-of-14 from the field), five rebounds, three assists and two steals as the Orediggers beat USC for the first time since February 4, 1989 (90-75 at CSM). With the win, CSM improved to 8-6 overall and 5-3 in the Rocky Mountain Athletic Conference.

Kennedy also scored 16 points, grabbed five rebounds and dished out three assists on Friday at CU-Colorado Springs. For the weekend, Kennedy shot a scorching 64.5% (17-of-26) from the floor.

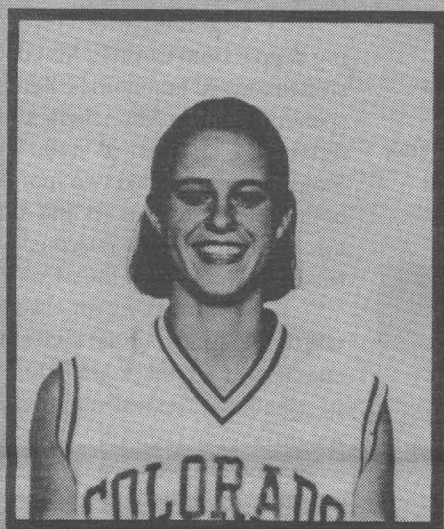
For his efforts, Kennedy was selected as the RMAC's East Division Player of the Week.



Amy Bollinger
Women's Basketball
5'5", Senior
Olathe, CO
Olathe High School

Amy Bollinger scored a game-high 23 points, dished out five assists and made five steals in the Lady Orediggers' 64-47 win at CU-Colorado Springs last Friday, January 14th. Bollinger went 8-of-15 from the floor and 6-for-6 from the free-throw in the win, as well.

Currently, Amy is ranked third in the RMAC in free throw percentage at .881 (37-of-42), second in assists per game (4.93), second in steals (3.50 per game) and second in assist-to-turnover ratio (1.41 assists to every 1.00 turnover).



Indoor Track Season Begins With Meet At Air Force

By Judy Toel

The CSM indoor track & field team kicked off their season last Saturday, Jan. 15th, competing in the All-Corner Invitational track meet at the Air Force Academy.

The Orediggers had a pretty strong showing for their first meet of the indoor season. They competed against both NCAA division one and division two teams from CSU, CU, Air Force, University of Wyoming, UCCS, UNC, and JGTC.

In the 400 meter dash, Dayven Johnston placed 2nd with a time of 49.17 and Derek Swanson finished 5th in 50.46. Katie Roche also placed in the 400, she came in 4th with a time of 62.25.

Jesus Salazar had a good day earning two 3rd place finishes in both the long jump and the triple jump. He leaped 21'11.5" in the long jump and 43'9" in the triple jump. Tyson Parrott cleared 6'4.75" in the high

jump, which was good enough for 4th place, and Charity Garrison placed 4th in the long jump with a jump of 15'6.75".

Meg Schissler ran well, she finished 3rd in the 3,000 meter run with a time of 12:11.43. Ben Lengerich and Chris Hammitt also placed in their events. Ben earned 5th place in the 800 meter run and Chris finished 6th in the one mile run.

Other winners include the 4x400meter relay team (Dayven Johnston, Jim Biedeman, Ben Lengerich, Eamonn Gardner). They had a second place finish with a time of 3:23.23.

The track team leaves for CU tomorrow for their second meet of the season, with events beginning at 3:00. The only home meet of the indoor season is on February 5th in the Fieldhouse, so come out and support your CSM track & field athletes!!!

Lady Orediggers Getting Into The Record Books!

By Greg Bollinger

Three lady Orediggers may write their names in the record books at the end of this season. Amy Bollinger for assists, three point shots, and free throws made. Nikki Bautista for blocked shots and Kristin Dillard for three point shots. Bollinger has already broken the assist record that stood for 14 years. She needed 14 to start the year and has already amassed a total of 62.

Bollinger can also break the three point shots made

in a career and total number of free throws made for a career. She needs a total of 12 more three point baskets to break the record and a total of 25 more free throws made.

Kristin Dillard may also break into the record books with her three point shooting abilities. She needs a total of 20 more three point shots made. Nikki Bautista is the last senior that may get her name into the books. Nikki needs five more blocked shots this season to get in.

Head Coach Search Nearly Over

By Brandon Conlon

The search for a new football head coach is nearly over. The athletic department recently released the top four candidates for the position. The finalists are Mike Dietzel, an assistant at Army; Dan Kratser, head coach at Lindenwood University in St. Charles, Missouri; Bob Stitt, an assistant at Harvard University; and Thomas Thenell, head coach at Bear Creek High School in Lakewood, Colorado.

All of these possible head coaches have visited campus. These candidates came from a pool of nearly 130 applications. The finalists were selected from three different search committees including faculty, staff and alumni. The football players themselves had a seven-person committee to help select the top four candidates.

The athletic department is "very certain that we'll have a competent coach to take us into the new millennium," says Marv Kay, CSM athletic director.

"We would like to have someone in office by Feb. 1" says Jeff Duggan, Sports Information Director. The athletic department hopes to announce the new head football coach sometime early next week.

30 CSM Athletes Receive Academic All-RMAC

By Marie Bollinger

Colorado School of Mines had 30 student-athletes named to Academic All-Conference following the fall of 1999 semester. Three men's golfers, 10 football players, seven cross country athletes, five men's golfers, four volleyball players and one member of the men's tennis team were the Orediggers who made this prestigious list. Earning perfect 4.00 grade point averages were golf's Jack Sayers and football's Justin Murray and Forrest Buckner.

A student-athlete must have a 3.2 or better cumulative GPA, be a starter or key reserve their team and must have been a student at their school for at least two consecutive semesters in order to be named Academic All-RMAC.

Wrestling Season Underway

Head Coach Dan Lewis' young 1999-2000 team had a busy schedule last week, wrestling Northern Colorado and Western State in duals and hosting the 15th Annual Colorado Collegiate Wrestling Tournament. On the 13th, the men lost a tough dual meet at UNC, 14-22. Jody Trantham, Matt Chase, Ryan Swanson and Nate Mascarenas all won their bouts, but it wasn't enough, as the Orediggers remained winless in dual meets. On Friday evening, CSM hosted 17th ranked (NCAA II) Western State and suffered some lumps as the Mountaineers posted a 30-9 victory. Mascarenas, Trantham and Chase all won their bouts as Mines dropped to 0-6 overall and 0-2 in the RMAC.

At the Colorado Collegiate the following afternoon, Mines finished sixth in a tournament that was dominated by the U.S. Air Force Academy, Southern Colorado and Adams State College. Chase placed third in the 174-pound weight class while Mascarenas (133-pounds) and Rasul Semenov (125-pounds) placed fourth in their divisions.

IM Schedule for Fall 1999

Event	Date
<u>Wrestling</u>	Feb. 1, 2
<u>5on5 Indoor Soccer</u>	Jan. 27
<u>Free Throw Contest</u>	TBA
<u>Volleyball League</u>	Feb. 7
<u>Raquetball Tourney</u>	Feb. 8
<u>7on7 Outdoor Soccer</u>	Feb. 9
<u>Cycling Time Trials</u>	Feb. 16
<u>Inner Tube Water Polo</u>	Mar. 2
<u>Softball</u>	Mar. 3
<u>Roller Hockey</u>	Mar. 9
<u>Swim Meet</u>	Apr. 3, 4
<u>Powerlifting Meet</u>	Apr. 5

For more information, stop by the Intramural Office located in the Volk Gymnasium, or e-mail btelesca@mines.edu. Registration forms are available outside the IM office.

Swimming and Diving

The Oredigger swimming & diving teams competed in the Estes Park High Altitude Pentathlon Invitational on January 8th and at the Big Cat Relays at Colorado College last weekend.

In Estes Park, Mines competed against Metro State, St. Cloud State (MN) and the University of Northern Colorado. Freshman Brooks Masterson paced the CSM men, finishing first out of 39 swimmers. A native of Greeley, Masterson won by 12.5 seconds with a cumulative time of 5:49.66. Freshman Jacob Johnson, also from Greeley, placed 5th overall in the meet while sophomore Kyle Tingle finished 9th.

In the women's competition, junior Jackie Mayercak placed third out of 47 women, with a cumulative time of 6:44.93, just 1.10 seconds off the pace. Junior Holly Daugherty took home 5th place in the women's competition. Mines' men and women both finished second overall.

At the Big Cat Relays in Colorado Springs this past weekend, CSM competed against Denver

University, the University of Northern Colorado, Colorado University and host Colorado College. The men finished third out of four while the women placed third out of five. The women's 200 yard freestyle relay team of Daugherty, Chris Arneson, Mayercak and Aimee Lorda set a new school record with a time of 1:41.48 (previous record: 1:42.40). The ladies 3 x 100 backstroke relay team of Arneson, Mayercak and Jen Evans beat all competition and registered a winning time of 3:09.28.

The men's and women's swimming and diving teams will compete in their final two non-championship meets of the season this coming weekend, January 21st and 22nd. Mines will have a dual meet at Colorado College on Friday night at 5:00 p.m. and a double dual meet at the new DU Ritchie Center (vs. DU and Metro State) at 12:00 noon on Saturday. The teams will then travel to Long Beach, California for the Pacific Collegiate Swimming Conference Championships on February 10-12, 2000.

Men's Basketball Report

After coming away with a huge 79-76 victory at Regis University on Saturday, January 8th, the men came away with a split on their two-game road trip this past weekend.

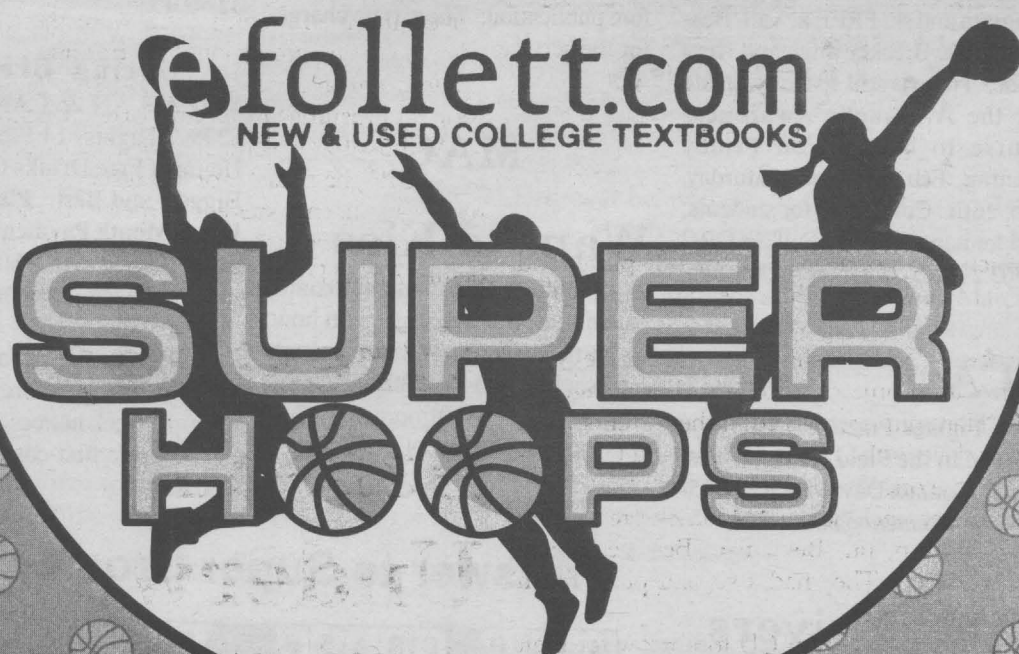
On Friday night at CU-Colorado Springs, the men took a 35-31 lead into halftime but relinquished the lead as they were outscored by nine points in the second half and ended up losing 70-75. Sam Handsborough scored 18 points and Kez Kennedy 16 to lead the Orediggers.

Saturday's game in Pueblo turned out to be a thriller as Mines held off Southern Colorado's second half comeback to edge out the Thunderwolves 86-85. Kennedy led Mines with 27 points, five rebounds, three assists and two steals as the Orediggers beat USC for the first time since February 4, 1989

(90-75 at CSM). With the win, CSM improved to 8-6 overall and 5-3 in the Rocky Mountain Athletic Conference.

For his efforts this past weekend, Kennedy was named the RMAC's East Division Player of the Week. A junior out of Lufkin, Texas, Kennedy shot a scorching 64.5 % from the field over the weekend. Additionally, Handsborough is ranked eighth in the RMAC in free-throw percentage at .824 (28-of-34) and Ben Esplin is tied for 12th in the RMAC in scoring average with 15.4 ppg.

Mines will host the Adams State College Grizzlies this Friday, the 21st, and New Mexico Highlands University on Saturday. Tip-off for both games will be at 8:00 p.m.



3on3 Basketball Tournament

ESPN.com



SATURN.

Registration Info:

Registration Forms Available
in the Volk Gymnasium,
Outside the Intramural
Office!!

Registration Deadline:
Jan. 24th 2000, 3pm

Start Date & Time:
Jan. 24th, 7pm
in the Field House.

*For more info call the IM
Office at 303-384-2273 or
e-mail btelesca@mines.edu

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Miner Notes

APO

APO meets in Coolbaugh 209 on Tuesdays at 6:15 PM. For more information, contact Ian Nickerson at inickers@mines.edu

Bridge Club

If you would like to play cards and want something more interesting than hearts or spades, why not try bridge? The CSM Bridge Club meets every Tuesday at 7 PM in the Coolbaugh atrium. Player of all skill levels are welcome. Don't know how to play? We gladly offer lessons for new players.

Board of Publications

If you have complaints regarding any of the three student publications at the Colorado School of Mines, please feel free to contact a member of the board of publications. You can email the chair at clanders@mines.edu or the ASCSM representative at wtrainor@mines.edu or call (303) 273-3784 and leave a message for Whitney Trainor.

Campus Crusade for Christ

All are welcome to join us, for our weekly 737 meeting. It is a place to hang out with friends and talk about life. The meeting is held every Thursday at 7:37 pm and is located at First Baptist Church of Golden on the corner of 19th and Washington. Afterwards, we will be going to the Golden Grind for food and fellowship.

Catholic Newman Group

Anyone is welcome! A discussion group for contemporary issues. Every Tuesday night at 8:30 pm; 2nd floor of the Green Center in the Ted Adams Room. Contact Matt at 303-271-0654 or mlengeri@mines.edu for more information.

Circle K

Come find out about the world's largest student run service organization. Meetings are held Tuesdays, 6 PM at the Student Center in room 236. For more information contact clapok@mines.edu

CSM Concert Choir

The CSM Choir is open to everyone!! Come sing jazz, classical, and contemporary pieces with us every Thursday from 4-6 pm in CO 209. Questions call Matt at 303-271-0654 or email mlengeri@mines.edu.

E-Days

E-Days 2000 is coming. As your organization begins to plan its new year, start planning to help with E-Days 2000!!! Meetings will be held on the following dates to help organizations figure out how and what they can do! February 8, March 7, March 28, and April 4. Questions? Contact Jessica Jordet 303-273-3908 or jjordet@mines.edu

FCA

The Fellowship of Christian Athletes meets Wednesdays at 7:30 PM in the Projection Room on the second floor of Volk Gymnasium. All are welcome: Christians, athletes, both, or neither. For more information email fbuckner@mines.edu.

FCC

Fellowship of Christian Cowboys (and girls), the 1996-97 New Club of the Year, meets weekly on Thursday at 6 information, email derjacks@mines.edu or visit the website. http://www.mines.edu/Stu_life/organ/fcc.

GLBE

Gay, Lesbian, Bisexual Engineers meetings held twice monthly with social events throughout the month. For more information contact glbe@mines.edu

Karate Club

CSM Karate Club has a new schedule! Monday and Wednesday from 6:30-8:00 PM in the Student Center Ballrooms.

Karate is a tremendous way to stay in great physical shape, tune mental concentration skills and gain confidence about personal security. Spectators and new students are welcome anytime. For more information call Amir at 303-216-2183 or email achaghaj@mines.edu.

Kayak Club

Kayak Club holds pool sessions every Monday from 7:30-9:30 PM. Everyone is welcome from beginners to advanced. For additional information, contact Jason at (303) 273-0507 or email jlegore@mines.edu.

Kendo Club

The CSM Kendo Club will meet Wednesday evenings, 7-9pm, in the Student Center ballrooms.

Kendo is the ancient art of Japanese fencing that evolved from the life and practice the the Samurai warrior. New students and spectators are welcome anytime. For more information call Sensei King at 303-795-9040 or email fourrex@aol.com.

LDSSA

All students are invited to enjoy lunch for \$1 and a guest speaker at the Latter Day Saint Student Association's Friday Forum. Every Friday at noon at 1212 Arapahoe Street. Email aolson or jgibbs for more information.

Outdoor Recreation Center

Join the Outdoor Recreation Center for a fun-filled day on the slopes on Saturday, January 22nd. Shuttle leaves the ORC at 7:00am for Loveland Ski Area. Costs: shuttle only - \$10; beginner ski package - \$45; beginner snowboard package - \$50. Reservations required. Become a buddy skier/boarder in the Vail Adaptive Ski program and ski FREE at Vail, Beaver Creek, Breckenridge and Keystone. There is still space available for the **Avalanche Awareness** course to be held on Friday evening, Feb. 25th and Saturday, Feb. 26th. Cost is \$35 for students, \$45 for non-students. Call the ORC at 303.278.6202 for more information.

SCA

Fighter Practice: Tuesdays 7-9 PM in the Field House. Questions? Contact David at (303) 215-6243 or dclement@mines.edu.

Sober Drivers

Need a ride home on Friday or Saturday night between 9 PM and 3 AM? Call Kappa Sigma Sober Driver Program at (303) 279-9951. You must be within 15 minutes of campus.

Society of Women Engineers

The next SWE meeting is on Wednesday at noon in Coolbaugh 209. For more info, email aama@mines.edu

The Ultimate Frisbee Organization

Practices on Kadafar commons every Tuesday and Wednesday at 4-5:30 PM. All are welcome to come practice with us for competitive play against other schools. Also, official UFO CSM frisbees are available for \$8. For more information contact Steve at (303) 271-9972 or sgrigel@mines.edu.

Women's Ultimate Frisbee Team

Want to have fun, make friends, and get in shape? Come be a part of Mines first ever Women's Ultimate Frisbee Team. No experience is required. First meeting Thursday, September 9, at 5:30 pm at Kafadar Commons. For more information call Julie West at 303-278-7431.

Placing a Miner Note

The easiest way for the student body to see your upcoming meeting or event is to place a Miner Note.

Please submit all Miner Notes by email or hard copy the Friday before publication. There is no charge for the service.

MAC

Want to Kiss

William Cane presents a comical and informative session on how to be the best kisser your partner has ever had. January 28th at 5:00pm Student Center Ballroom A. This event sponsored by MAC.

CLASSIFIED ADS

Bartending JOBS are in Demand. The fun jobs. Earn \$15-30/hr. Job placement assistance. Call Now!!! \$199 Back-to-School Special ends soon. Call 303-758-5000 or 1-800-BARTEND

Help Wanted. The CSM Phonathon has openings for callers. Great Pay, Flexible Hours. For more information, call Mary Ann at 303-273-3141.

Help Wanted. Part time student help in Office of Institutional Advancement. Work 8-10 hours per week, Monday-Friday, between 8:00 a.m.-5:00 p.m. For more information, call 303-273-3141.

Help Wanted. Mother's helper wanted. Very flexible part time. \$7.00/hr and must drive. Very close to campus. For details call Anne at 303 278-1639, or cell 303 517-6726.

Browse icpt.com WIN a FREE trip for Springbreak "2000". ALL destinations offered. Trip Participants, Student Orgs & Campus Sales Reps wanted. Fabulous parties, hotels & prices. For reservations or Rep registration. Call Inter-Campus Programs 800-327-6013.

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Please submit all classified adds the Friday before publication. Multiple week notices are available. Space is on a first-come first-served basis.

Answer to Super Crossword

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